

CONCRETE MEDIAN BARRIER

*Most Already
Included in 460-3(C)*

(5-10-99)

1.0 GENERAL

~~This Special Provision shall govern materials, forming and all other related work in the construction of concrete median barrier in accordance with applicable parts of the Standard Specifications, the details shown on the plans and as outlined in this Special Provision. Plans for the concrete barrier are detailed for cast-in-place concrete and slip-formed median barrier. Concrete for the median barrier may be placed using either conventional forms or by the use of an approved self-propelled extrusion machine.~~

2.0 CONSTRUCTION

~~A. Joints~~

~~Joints in the median barrier shall be constructed at the locations and of the type specified on the plans.~~

~~B. Slip Forming~~

~~The extrusion machine proposed for use in placing the median barrier shall be approved by the Engineer. The extrusion machine shall be self-propelled and designed for the specific purpose of placing the concrete median barrier without the use of forms. The median barrier shall be placed to the established shape, line, grade and dimensions shown on the plans, except when barrier is slip formed, concrete corners may be radiused in lieu of the flat chamfers detailed.~~

~~The extrusion machine shall consolidate the freshly placed concrete in one complete pass of the machine and~~ sufficient internal vibrators shall be provided for consolidating
the concrete along the faces of forms and adjacent to joints. ~~—This shall be accomplished in such a manner that a minimum of hand finishing will be required to produce a dense and homogeneous barrier free from voids and honeycomb.~~

~~The operations of mixing, delivering and placing the concrete shall be coordinated to provide uniform progress with stopping and starting of the extrusion machine held to a minimum.~~

~~C. A. Finishing~~

~~All exposed surfaces that are not satisfactory to the Engineer as to uniformity of color and texture or because of excessive patching shall be corrected as required by the~~ Engineer. ~~—The roadway face of the cast-in-place median barrier shall be given a Class II surface finish in accordance with the Standard Specifications and the roadway face for the slip-formed barrier shall be given a broom finish.~~

3.0 BASIS OF PAYMENT

460-4(C)

The quantity for which payment is made will be that quantity shown in linear feet on the plans for "Concrete Median Barrier". ~~Where the plans have been revised, the quantity to be paid for will be the quantity shown on the revised plans. Reinforcing steel and Class AA concrete contained in the barrier is listed in a "Bill of Material for Median Barrier" on the plans, and no separate measurement or payment will be made for these quantities. The unit bid per linear foot shall be full compensation for all materials, admixtures, forms, falsework, curing, surface finish, tools, labor, equipment and incidentals necessary to complete the item.~~